



MISSOURI SHOW-ME STATE STANDARDS CROSS- WALK WITH TECHNOLOGICAL LITERACY STANDARDS 2002 v. 2.1

Show-Me Standards Goal 1	Standards for Technological Literacy																				
	Standard 1			Standard 2										Standard 3				Standard 4			
	J	K	M	W	X	Y	Z	AA	BB	CC	DD	EE	FF	G	H	I	J	H	I	J	K
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas																					
1. Develop questions & ideas to initiate & refine research														X	X	X	X	X	X		
2. Conduct research to answer questions & evaluate information & ideas														X	X	X	X	X	X		
3. Design & conduct field & laboratory investigations to study nature & society														X	X	X	X	X	X		
4. Use technological tools & other resources to locate, select & organize information														X	X	X	X		X		
5. Comprehend & evaluate written, visual & oral presentations & works														X	X	X	X		X		
6. Discover & evaluate patterns & relationships in information, ideas & structures														X	X	X	X		X		
7. Evaluate accuracy of information & reliability of sources														X	X	X	X	X	X		
8. Organize data, information & ideas into useful forms (including charts, graphs, outlines) for analysis or presentation														X	X	X	X	X	X		
9. Identify, analyze & compare institutions, traditions & art forms of past & present societies														X	X	X	X		X		
10. Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers														X	X	X	X		X		

Show-Me Standards Goal 1	Standards for Technological Literacy																					
	Standard 5						Standard 6			Standard 7									Standard 8			
	G	H	I	J	K	L	H	I	J	G	H	I	J	K	L	M	N	O	H	I	J	K
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas																						
1. Develop questions & ideas to initiate & refine research	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
2. Conduct research to answer questions & evaluate information & ideas	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
3. Design & conduct field & laboratory investigations to study nature & society	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
4. Use technological tools & other resources to locate, select & organize information	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
5. Comprehend & evaluate written, visual & oral presentations & works	X				X		X	X	X	X	X	X	X	X	X	X	X	X	X			
6. Discover & evaluate patterns & relationships in information, ideas & structures	X				X		X	X	X	X	X	X	X	X	X	X	X	X	X			
7. Evaluate accuracy of information & reliability of sources	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
8. Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation	X		X		X		X	X	X	X	X	X	X	X	X	X	X	X	X			
9. Identify, analyze & compare institutions, traditions & art forms of past & present societies	X				X		X	X	X	X	X	X	X	X	X	X	X	X	X			
10. Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers	X		X		X		X	X	X	X	X	X	X	X	X	X	X	X	X			

Show-Me Standards Goal 1	Standards for Technological Literacy																					
	Standard 9				Standard 10				Standard 11						Standard 12				Standard 13			
	I	J	K	L	I	J	K	L	M	N	O	P	Q	R	M	N	O	P	J	K	L	M
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas																						
1. Develop questions & ideas to initiate & refine research	X				X	X	X	X											X	X	X	
2. Conduct research to answer questions & evaluate information & ideas	X				X	X	X	X											X	X	X	
3. Design & conduct field & laboratory investigations to study nature & society	X				X	X	X	X											X	X	X	
4. Use technological tools & other resources to locate, select & organize information	X				X	X	X	X									X		X	X	X	
5. Comprehend & evaluate written, visual & oral presentations & works	X	X			X	X	X	X											X	X	X	
6. Discover & evaluate patterns & relationships in information, ideas & structures	X				X	X	X	X											X	X	X	
7. Evaluate accuracy of information & reliability of sources	X				X	X	X	X											X	X	X	
8. Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation	X				X	X	X	X									X		X	X	X	
9. Identify, analyze & compare institutions, traditions & art forms of past & present societies	X	X			X	X	X	X											X	X	X	
10. Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers	X				X	X	X	X									X		X	X	X	

Show-Me Standards Goal 1	Standards for Technological Literacy																					
	Standard 14			Standard 15				Standard 16					Standard 17						Standard 18			
	K	L	M	K	L	M	N	J	K	L	M	N	L	M	N	O	P	Q	J	K	L	M
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas																						
1. Develop questions & ideas to initiate & refine research								X	X	X	X											X
2. Conduct research to answer questions & evaluate information & ideas								X	X	X	X		X									X
3. Design & conduct field & laboratory investigations to study nature & society								X	X	X	X											X
4. Use technological tools & other resources to locate, select & organize information								X	X	X	X		X									X
5. Comprehend & evaluate written, visual & oral presentations & works								X	X	X	X		X									X
6. Discover & evaluate patterns & relationships in information, ideas & structures								X	X	X	X							X				X
7. Evaluate accuracy of information & reliability of sources								X	X	X	X		X					X				X
8. Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation								X	X	X	X		X					X				X
9. Identify, analyze & compare institutions, traditions & art forms of past & present societies								X	X	X	X											X
10. Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers								X	X	X	X							X				X

Show-Me Standards Goal 1	Standards for Technological Literacy																			
	Standard 19							Standard 20												
	L	M	N	O	P	Q	R	J	K	L	M	N								
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas																				
1. Develop questions & ideas to initiate & refine research	X	X	X				X		X	X	X									
2. Conduct research to answer questions & evaluate information & ideas	X	X	X				X		X	X										
3. Design & conduct field & laboratory investigations to study nature & society		X						X	X	X										
4. Use technological tools & other resources to locate, select & organize information	X	X	X				X	X	X	X	X									
5. Comprehend & evaluate written, visual & oral presentations & works	X	X	X				X			X										
6. Discover & evaluate patterns & relationships in information, ideas & structures		X	X							X										
7. Evaluate accuracy of information & reliability of sources	X	X	X				X	X	X	X	X									
8. Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation	X	X	X				X	X	X	X										
9. Identify, analyze & compare institutions, traditions & art forms of past & present societies										X										
10. Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers	X	X	X				X	X	X	X										

Show-Me Standards Goal 2	Standards for Technological Literacy																				
	Standard 1			Standard 2										Standard 3				Standard 4			
	J	K	M	W	X	Y	Z	AA	BB	CC	DD	EE	FF	G	H	I	J	H	I	J	K
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																					
1. Plan & make written, oral & visual presentations for a variety of purposes & audiences																					
2. Review & revise communications to improve accuracy & clarity																					
3. Exchange information, questions & ideas while recognizing the perspectives of others																					
4. Present perceptions & ideas regarding works of the arts, humanities & sciences																					
5. Perform or produce works in the fine and practical arts				X	X								X	X	X					X	
6. Apply communication techniques to the job search & to the workplace				X																	
7. Use technological tools to exchange information and ideas				X	X																
8. Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation																					

Show-Me Standards Goal 2	Standards for Technological Literacy																					
	Standard 5						Standard 6			Standard 7									Standard 8			
	G	H	I	J	K	L	H	I	J	G	H	I	J	K	L	M	N	O	H	I	J	K
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																						
1. Plan & make written, oral & visual presentations for a variety of purposes & audiences	X		X																X			
2. Review & revise communications to improve accuracy & clarity	X		X																X			
3. Exchange information, questions & ideas while recognizing the perspectives of others	X									X									X			
4. Present perceptions & ideas regarding works of the arts, humanities & sciences	X		X							X									X			
5. Perform or produce works in the fine and practical arts	X		X							X									X			
6. Apply communication techniques to the job search & to the workplace	X																		X			
7. Use technological tools to exchange information and ideas	X		X							X									X			

Show-Me Standards Goal 2	Standards for Technological Literacy																					
	Standard 9				Standard 10				Standard 11						Standard 12				Standard 13			
	I	J	K	L	I	J	K	L	M	N	O	P	Q	R	M	N	O	P	J	K	L	M
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																						
1. Plan & make written, oral & visual presentations for a variety of purposes & audiences														X	X				X			
2. Review & revise communications to improve accuracy & clarity		X													X				X			
3. Exchange information, questions & ideas while recognizing the perspectives of others															X				X			
4. Present perceptions & ideas regarding works of the arts, humanities & sciences															X				X			
5. Perform or produce works in the fine and practical arts			X										X	X	X			X	X			
6. Apply communication techniques to the job search & to the workplace															X				X			
7. Use technological tools to exchange information and ideas			X											X	X			X	X			

Show-Me Standards	Standards for Technological Literacy																					
	Standard 14			Standard 15				Standard 16					Standard 17						Standard 18			
	K	L	M	K	L	M	N	J	K	L	M	N	L	M	N	O	P	Q	J	K	L	M
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																						
1. Plan & make written, oral & visual presentations for a variety of purposes & audiences													X					X				X
2. Review & revise communications to improve accuracy & clarity													X					X				X
3. Exchange information, questions & ideas while recognizing the perspectives of others													X									X
4. Present perceptions & ideas regarding works of the arts, humanities & sciences																						X
5. Perform or produce works in the fine and practical arts								X	X	X	X	X	X					X				X
6. Apply communication techniques to the job search & to the workplace													X									X
7. Use technological tools to exchange information and ideas								X	X	X	X		X					X				X

Show-Me Standards	Standards for Technological Literacy																					
	Standard 14			Standard 15				Standard 16					Standard 17						Standard 18			
	K	L	M	K	L	M	N	J	K	L	M	N	L	M	N	O	P	Q	J	K	L	M
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																						
1. Plan & make written, oral & visual presentations for a variety of purposes & audiences													X					X				X
2. Review & revise communications to improve accuracy & clarity													X					X				X
3. Exchange information, questions & ideas while recognizing the perspectives of others													X									X
4. Present perceptions & ideas regarding works of the arts, humanities & sciences																						X
5. Perform or produce works in the fine and practical arts								X	X	X	X	X	X					X				X
6. Apply communication techniques to the job search & to the workplace													X									X
7. Use technological tools to exchange information and ideas								X	X	X	X		X					X				X

Show-Me Standards Goal 3	Standards for Technological Literacy																				
	Standard 1			Standard 2										Standard 3				Standard 4			
	J	K	M	W	X	Y	Z	AA	BB	CC	DD	EE	FF	G	H	I	J	H	I	J	K
Goal 3: Acquire the knowledge & skills to recognize and solve problems																					
1. Identify problems & define their scope & elements				X	X			X											X	X	
2. Develop & apply strategies based on ways others have prevented or solved problems				X															X		
3. Develop & apply strategies based on one's own experience in reinventing or solving problems				X															X		
4. Evaluate the processes used in recognizing & solving problems				X															X		
5. Reason inductively from a set of specific facts & deductively from general premises				X					X										X		
6. Examine problems & proposed solutions from multiple perspectives				X														X	X		
7. Evaluate the extent to which a strategy addresses the problem				X									X					X	X		
8. Assess costs, benefits & other consequences of proposed solutions							X				X								X		

Show-Me Standards Goal 3	Standards for Technological Literacy																						
	Standard 5						Standard 6			Standard 7									Standard 8				
	G	H	I	J	K	L	H	I	J	G	H	I	J	K	L	M	N	O	H	I	J	K	
Goal 3: Acquire the knowledge & skills to recognize and solve problems																							
1. Identify problems & define their scope & elements	X	X	X	X	X		X	X	X										X	X	X		
2. Develop & apply strategies based on ways others have prevented or solved problems	X	X	X	X	X		X	X	X										X				
3. Develop & apply strategies based on one's own experience in reinventing or solving problems	X	X	X	X	X		X	X	X										X				
4. Evaluate the processes used in recognizing & solving problems	X	X	X	X	X		X	X	X										X		X	X	
5. Reason inductively from a set of specific facts & deductively from general premises	X	X	X	X	X		X	X	X										X		X	X	
6. Examine problems & proposed solutions from multiple perspectives	X	X	X	X	X		X	X	X										X		X	X	
7. Evaluate the extent to which a strategy addresses the problem	X	X	X	X	X		X	X	X										X				
8. Assess costs, benefits & other consequences of proposed solutions	X		X	X	X		X	X	X										X				

Show-Me Standards Goal 3	Standards for Technological Literacy																					
	Standard 9				Standard 10				Standard 11						Standard 12				Standard 13			
	I	J	K	L	I	J	K	L	M	N	O	P	Q	R	M	N	O	P	J	K	L	M
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
1. Identify problems & define their scope & elements					X				X	X						X						X
2. Develop & apply strategies based on ways others have prevented or solved problems					X				X	X						X						X
3. Develop & apply strategies based on one's own experience in reinventing or solving problems					X				X	X						X						X
4. Evaluate the processes used in recognizing & solving problems		X			X				X	X						X		X				X
5. Reason inductively from a set of specific facts & deductively from general premises		X	X		X				X	X						X				X		X
6. Examine problems & proposed solutions from multiple perspectives		X	X		X				X	X						X						X
7. Evaluate the extent to which a strategy addresses the problem		X	X		X				X	X	X	X		X		X						X
8. Assess costs, benefits & other consequences of proposed solutions		X	X		X				X	X			X	X		X		X				X

Show-Me Standards Goal 3	Standards for Technological Literacy																					
	Standard 14			Standard 15				Standard 16					Standard 17						Standard 18			
	K	L	M	K	L	M	N	J	K	L	M	N	L	M	N	O	P	Q	J	K	L	M
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
1. Identify problems & define their scope & elements								X	X	X	X	X						X				X
2. Develop & apply strategies based on ways others have prevented or solved problems								X	X	X	X	X										X
3. Develop & apply strategies based on one's own experience in reinventing or solving problems								X	X	X	X	X										X
4. Evaluate the processes used in recognizing & solving problems								X	X	X	X	X										X
5. Reason inductively from a set of specific facts & deductively from general premises								X	X	X	X	X										X
6. Examine problems & proposed solutions from multiple perspectives								X	X	X	X	X						X				X
7. Evaluate the extent to which a strategy addresses the problem								X	X	X	X	X						X				X
8. Assess costs, benefits & other consequences of proposed solutions								X	X	X	X	X						X				X

Show-Me Standards Goal 3	Standards for Technological Literacy																					
	Standard 14			Standard 15				Standard 16					Standard 17						Standard 18			
	K	L	M	K	L	M	N	J	K	L	M	N	L	M	N	O	P	Q	J	K	L	M
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
1. Identify problems & define their scope & elements								X	X	X	X	X						X				X
2. Develop & apply strategies based on ways others have prevented or solved problems								X	X	X	X	X										X
3. Develop & apply strategies based on one's own experience in reinventing or solving problems								X	X	X	X	X										X
4. Evaluate the processes used in recognizing & solving problems								X	X	X	X	X										X
5. Reason inductively from a set of specific facts & deductively from general premises								X	X	X	X	X										X
6. Examine problems & proposed solutions from multiple perspectives								X	X	X	X	X						X				X
7. Evaluate the extent to which a strategy addresses the problem								X	X	X	X	X						X				X
8. Assess costs, benefits & other consequences of proposed solutions								X	X	X	X	X						X				X

Show-Me Standards Goal 3	Standards for Technological Literacy																					
	Standard 14			Standard 15				Standard 16					Standard 17						Standard 18			
	K	L	M	K	L	M	N	J	K	L	M	N	L	M	N	O	P	Q	J	K	L	M
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
1. Identify problems & define their scope & elements								X	X	X	X	X						X				X
2. Develop & apply strategies based on ways others have prevented or solved problems								X	X	X	X	X										X
3. Develop & apply strategies based on one's own experience in reinventing or solving problems								X	X	X	X	X										X
4. Evaluate the processes used in recognizing & solving problems								X	X	X	X	X										X
5. Reason inductively from a set of specific facts & deductively from general premises								X	X	X	X	X										X
6. Examine problems & proposed solutions from multiple perspectives								X	X	X	X	X						X				X
7. Evaluate the extent to which a strategy addresses the problem								X	X	X	X	X						X				X
8. Assess costs, benefits & other consequences of proposed solutions								X	X	X	X	X						X				X

Show-Me Standards Goal 4	Standards for Technological Literacy																							
	Standard 5						Standard 6			Standard 7									Standard 8					
	G	H	I	J	K	L	H	I	J	G	H	I	J	K	L	M	N	O	H	I	J	K		
Goal 4: Acquire the knowledge & skills to make decisions and act as responsible members of society																								
1. Explain reasoning & identify information used to support decisions		X			X																			
2. Understand & apply the rights & responsibilities of citizenship in Missouri & the U.S.																								
3. Analyze the duties & responsibilities of individuals in society				X	X		X	X	X															
4. Recognize & practice honesty & integrity in academic work & in the workplace	X	X		X	X														X					
5. Develop, monitor & revise plans of action to meet deadlines and accomplish goals	X	X			X	X													X					
6. Identify tasks that require a coordinated effort & work with others to complete those tasks	X				X	X													X					
7. Identify & apply practices that preserve & enhance the safety & health of self & others	X	X		X	X														X					
8. Explore, prepare for & seek educational & job opportunities	X				X														X					

Show-Me Standards Goal 4	Standards for Technological Literacy																					
	Standard 9				Standard 10				Standard 11						Standard 12				Standard 13			
	I	J	K	L	I	J	K	L	M	N	O	P	Q	R	M	N	O	P	J	K	L	M
Goal 4: Acquire the knowledge & skills to make decisions and act as responsible members of society																						
1. Explain reasoning & identify information used to support decisions					X	X			X	X												X
2. Understand & apply the rights & responsibilities of citizenship in Missouri & the U.S.																						X
3. Analyze the duties & responsibilities of individuals in society				X																		X
4. Recognize & practice honesty & integrity in academic work & in the workplace				X	X																	X
5. Develop, monitor & revise plans of action to meet deadlines and accomplish goals			X									X										X
6. Identify tasks that require a coordinated effort & work with others to complete those tasks			X		X																	X
7. Identify & apply practices that preserve & enhance the safety & health of self & others			X	X									X			X	X					X
8. Explore, prepare for & seek educational & job opportunities																	X					

Show-Me Standards Goal 4	Standards for Technological Literacy																					
	Standard 14			Standard 15				Standard 16					Standard 17						Standard 18			
	K	L	M	K	L	M	N	J	K	L	M	N	L	M	N	O	P	Q	J	K	L	M
Goal 4: Acquire the knowledge & skills to make decisions and act as responsible members of society																						
1. Explain reasoning & identify information used to support decisions								X	X	X	X											
2. Understand & apply the rights & responsibilities of citizenship in Missouri & the U.S.																						
3. Analyze the duties & responsibilities of individuals in society								X	X	X	X											
4. Recognize & practice honesty & integrity in academic work & in the workplace																		X				X
5. Develop, monitor & revise plans of action to meet deadlines and accomplish goals																		X				X
6. Identify tasks that require a coordinated effort & work with others to complete those tasks																		X				X
7. Identify & apply practices that preserve & enhance the safety & health of self & others								X	X	X	X	X	X					X				X
8. Explore, prepare for & seek educational & job opportunities								X	X	X	X	X	X					X				X

Show-Me Standards Goal 4	Standards for Technological Literacy																		
	Standard 19							Standard 20											
	L	M	N	O	P	Q	R	J	K	L	M	N							
Goal 4: Acquire the knowledge & skills to make decisions and act as responsible members of society																			
1. Explain reasoning & identify information used to support decisions	X	X					X	X	X	X	X								
2. Understand & apply the rights & responsibilities of citizenship in Missouri & the U.S.										X									
3. Analyze the duties & responsibilities of individuals in society	X							X											
4. Recognize & practice honesty & integrity in academic work & in the workplace	X		X				X		X	X	X								
5. Develop, monitor & revise plans of action to meet deadlines and accomplish goals	X						X		X	X	X	X							
6. Identify tasks that require a coordinated effort & work with others to complete those tasks	X						X	X	X	X	X	X							
7. Identify & apply practices that preserve & enhance the safety & health of self & others	X	X					X	X	X	X	X	X							
8. Explore, prepare for & seek educational & job opportunities	X	X					X		X	X									